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(71) Applicant (for all designated States except US): **EKSIGENT TECHNOLOGIES LLC** [US/US]; 2021 Las Positas Court, Livermore, CA 94550 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CYR, Douglas, R.** [CA/US]; 608 Via Del Sol, Livermore, CA 94550 (US). **FARROW, Roger, L.** [US/US]; 1020 Rhine Way, Pleasanton, CA 94556 (US). **ARNOLD, Don, W.** [US/US]; 1746 Old Tower Road, Livermore, CA 94550 (US).

(74) Agents: **SHELDON, Jeffrey, G.** et al.; Sheldon & Mak, 225 South Lake Avenue, Suite 900, Pasadena, CA 91101 (US).

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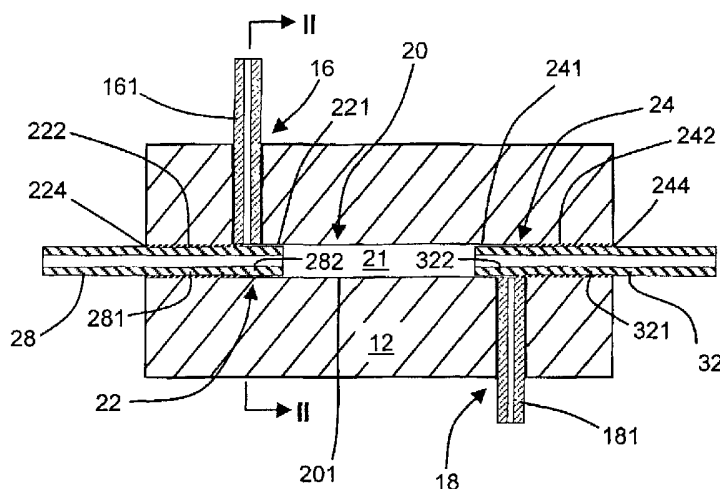
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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,

[Continued on next page]

(54) Title: MICROFLUIDIC DETECTION DEVICE



(57) Abstract: A microfluidic detection device for examining liquid chromatography samples, particularly samples from micro-columns (161). The sample enters and leaves a detection cell (20) through a restricted passageway (21) having an annular shape, so that the velocity of the sample is higher as it enters and as it leaves the detection cell (20). This reduces dispersion of the sample in the detection cell (20).



- CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G02B 6/00

US CL : 385/12; 356/246

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 385/12; 356/246

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	US 2003/0076491 A1 (MUELLER et al) 24 April, 2003 (24.04.2003), see entire document.	1-10
X,P	US 6,542,231 B1 (GARRETT) 01 April 2003 (04.01.2003), see entire document.	1-10
A	US 4,823,168 A (KAMAHORI et al) 18 April 1989 (18.04.1989), see entire document.	9-10
A	US 5,140,169 A (EVENS et al) 18 August 1992 (18.08.1992), see entire document.	1-10

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Juliana Kang

Telephone No. (571) 272-2348